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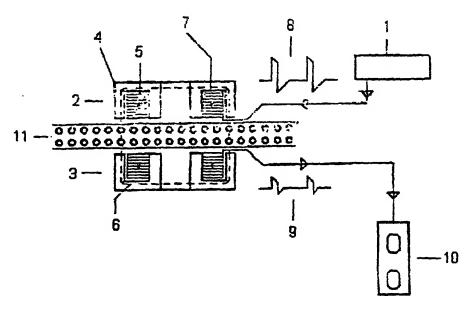
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(54) Title: EXTERNALLY ACTIVATED NEURO-IMPLANT WHICH DIRECTLY TRANSMITS THERAPEUTIC SIGNALS



(57) Abstract: We present here, an externally activated neuro-implant which dir ectly transmits terapeutic signals. It is an implantable device carrying out neurostimulation. It basicly consists of two coils. There are no electronic components in the internal part of system. The passive coil, that is implanted under the skin, is connected with the electrod in the epudural space of the spinal cord. The active coil is placed on the skin overlying the passive coil. Thrapeutic signals produced by the transmitter outside the body are directly transmitted by inductive coupling acroos the skin of the patient.